

ABSTRACT OF THE DISCLOSURE

A molybdenum silicide type-heating element and a method of manufacturing a heating element of the molybdenum silicide type. The heating element contains substantially $\text{Mo}(\text{Si}_{1-x}\text{Al}_x)_2$ and Al_2O_3 and is prepared by mixing a molybdenum aluminum silicide-type material $\text{Mo}(\text{Si}_{1-y}\text{Al}_y)_2$ with SiO_2 , wherein the SiO_2 has a purity of at least 98%.